

## UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: Mario Bechtold et al

Application Number: Unassigned

Filing Date: Concurrently Herewith

Group Art Unit:

Examiner:

Title: REVERSING LINEAR DRIVE COMPRISING MEANS FOR  
DETECTING AN ARMATURE POSITIONCommissioner for Patents  
PO Box 1450  
Alexandria, VA 22313-1450**INFORMATION DISCLOSURE STATEMENT**

Sir:

In accordance with 37 C.F.R. 1.98, I am submitting a completed "INFORMATION DISCLOSURE STATEMENT BY APPLICANTS" (*Form PTO/SB/08A*) with patents and/or publications as delineated therein attached.

DE 100 19 226 discloses the electromechanical moment compensation drive (13, 21, 31, 33) includes a second actuator (13) with second path of motion parallel to the first. It is supported by a third return spring assembly (31, 33) against a third abutment (37) rigidly connected to the first abutment and biased to the resting position. A second load (21) is rigidly connected to the second actuator (13) and is driven by it. A compensation control unit is provided. This controls the second actuator (13) in synchronous antiphase motion with the first (11).

JP2002-31054 discloses the linear compressor 10 includes a motor unit 16 having a linear motion part 14 for driving a piston shaft 12 in the axial direction and a cylinder 22 to receive a piston 18 fixed to the shaft 12 outside the motor unit 16 about its axial direction so that a compression chamber 20 is formed, and five ring-shaped leaf springs 58 are installed around the cylinder 22 in such a way as apart at certain intervals in the axial direction, and the inner edges 58a of these leaf springs 58 are screwed fast to a disc part 38a of the linear motion part 14 while their outer edges 58b are fixed to a stationary housing 36 of the motor unit 16.

If no translation of pertinent portions of any foreign language patents or publications mentioned within the "INFORMATION DISCLOSURE STATEMENT BY APPLICANTS" is included with the aforementioned copies of those applications, patents and/or publications, it is because no existing translation is readily available to the Applicants. As per the Notice in 1273 OG 55 (August 5, 2003) no copies of any above-mentioned US patents and US patent application publications are submitted for this application which was filed after June 30, 2003.

Respectfully submitted



Craig J. Loest

Registration No. 48,557

August 29, 2006

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10/591 090  
IAP9 Rec'd PCT/PTO 29 AUG 2006

PTO/SB/08A (08-03)

Approved for use through 07/31/2006. OMB 0651-0031

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Substitute for form 1449/PTO

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

**(Use as many sheets as necessary)**

**Complete if Known**

Application Number	Unassigned
Filing Date	Concurrently Herewith
First Named Inventor	Mario Bechtold et al
Art Unit	
Examiner Name	
Attorney Docket Number	2005P00313WOUS

Sheet	1	of	1
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## U. S. PATENT DOCUMENTS

[illegible]

## FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)				
		WO 95/01510	01/12/1995	Teijo Salmi et al		✓
		DE 100 19 226	10/25/2001	Sergej Kovalev et al		
		JP2002-31054	01/31/2002	Hojo Mikio		
		International Search Report PCT/EP2005/050952				✓

Examiner Signature		Date Considered	
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. **DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

**If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.**

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**INFORMATION DISCLOSURE STATEMENT FOR NON PATENT LITERATURE**

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Substitute for form 1449/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(Use as many sheets as necessary)</i>		<b>Complete if Known</b>	
		<b>Application Number</b>	Unassigned
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<b>Sheet</b>	1	<b>of</b>	1
		<b>Attorney Docket Number</b>	2005P00313WOUS

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
		Gieras/Piech: Linear Synchronous Motors: Transporation and Automation Systems, CRC-Press, USA, 2000, S. 149-167	

<b>Examiner Signature</b>	<b>Date Considered</b>
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<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

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